1094
1059
JANE FRANK
COAST GUARD

UNITED STATES COAST GUARD
378 FT HIGH ENDURANCE CUTTER
WPG 715/716/718/721

BOOKLET OF GENERAL PLANS

PLATE NO.	ORDER OF PLANS
1	COVER PAGE
2	GEN DIMENSIONS & DATA
3	OUTBOARD PROFILE
4	INBOARD PROFILE
5	TOP OF PILOT HOUSE, ETC.
6	03 DECK
7	02 DECK
8	01 DECK
9	MAIN DECK (715)
10	MAIN DECK (716,718,721)
11	2 ND DECK (715)
12	2 ND DECK (716,718,721)
13	3 RD DECK (715)
14	3 RD DECK (716,718,721)
15	INNERBOTTOM & HOLD FLAT(715)
16	INNERBOTTOM & HOLD FLAT (716,718,721)
17	MIDSHIP & TYPE SECTIONS

CORRECTED TO SUIT SHIP

DATE	PLACE	APPROVED

PLATE 1 OF 17

CAPACITY OF BOOMS & CRANES

QTY	TYPE	CAPACITY
1	PORTABLE DAVIT	1,500 LBS
2	PORTABLE DAVITS	500 LBS
1	DAVIT, DIESEL MOTOR SURF BOAT	7,000 LBS
1	DAVIT, RIDGID HULL INFLATABLE BOAT	5,000 LBS

ACCOMODATIONS

PERSONNEL	BERTHS			BERTHING CAPACITY		LKRS
	SGL-1 HIGH	2 HIGH	3 HIGH	NORMAL	ULTIMATE	
C.O.	1			1		
GUEST	1			1		
EXECUTIVE OFFICER	1			1		
ENGR OFFICER	1			1		
OFFICERS	4	4		12		
TOTAL OFFICERS				16	23	
WARD		1 W/HINGED UPPER		2		1
PASSENGER		6		12	12	12
C.P.O.		8		16	24	16
CREW		37	24	146	219	146
TOTAL	8	56	24	192	278	175

HEIGHTS ABOVE DWL

DWL - 13'-6" ABV MOULDED BASELINE

1	CENTERLINE FWD ANCHOR LIGHT	44'-4 3/8"
2	CENTERLINE STEERING LIGHT	42'-4 3/8"
3	CENTERLINE TOWING LIGHT, UPPER	85'-3"
4	CENTERLINE TOWING LIGHT, LOWER	78'-8"
5	CENTERLINE MASTHEAD LIGHT	72'-0"
6	CENTERLINE AFT MASTHEAD LIGHT	87'-10 3/8"
7	CENTERLINE HOMING BEACON	95'-10 3/16"
8	CENTERLINE AFT ANCHOR LIGHT	28'-9 1/2"
9	CENTERLINE STERN LIGHT	21'-11 1/2"
10	CENTERLINE SIDE LIGHT, P/S	39'-9 7/16"
11	CENTERLINE AFT TOWING LIGHT	32'-4 3/8"
12	CENTERLINE ASW LIGHT	78'-8 3/8"
13	CENTERLINE TASK LIGHT, UPPER	104'-10 3/8"
14	CENTERLINE TASK LIGHT, LOWER	92'-10 3/8"
15	CENTERLINE TASK LIGHT, MIDDLE	98'-10 3/8"
16	WHISTLE LIGHT	94'-4 3/8"
17	AIRCRAFT WARNING LIGHT	109'-10 3/8"
18	CENTERLINE FWD STERN LIGHT	26'-10 3/8"
19	RADAR PLATFORM - MAIN MAST	81'-8"
20	SURFACE SEARCH RADAR	89'-0"
21	AIR SEARCH RADAR	93'-4"
22	TACAN ANTENNA - STUB MAST	95'-0"

GENERAL INFORMATION

LENGTH BETWEEN PERPENDICULARS	350'-0"
LENGTH OVERALL	378'-3"
BREADTH EXTREME (MOULDED)	42'-0"
DRAFT ABOVE BOTTOM OF KEEL (DESIGN)	13'-6"
DRAFT ABOVE LOWEST PROJECTION BELOW KEEL (PROP)	18'-9 1/4"
BRIDGE CLEARANCE	116'-0 1/8" ABV DWL

BOATS

TYPE	QTY	P OR S	FRAME	TOTAL
25'-8" DIESEL MOTOR SURF BOAT	1	S	133 1/2	1
25 MAN INFLATABLE CO2 LIFEBOAT	2	P/S	152	4
25 MAN INFLATABLE CO2 LIFEBOAT	2	P/S	186	4
RIDGID HULL INFLATABLE BOAT	1	P	135	1

GEN DIMENSIONS & DATA
UNITED STATES COAST GUARD
378 FT. HIGH ENDR CUTTER
WPG 715/716/718/721
PLATE 2 OF 17

REVISIONS

REV	ITEM	ZONE	SH NO.	DESCRIPTION	APPROVAL BY	APPROVAL DATE
A	ALL	ALL	ALL	INITIAL ISSUE DWG APPROVED WITH COMMENTS VIA PTM 1166 DTD 4-15-87. RESOLUTION OF COMMENTS AS FOLLOWS: COMMENT 1&2 NOTED, 3. DOOR LOCATED TO CLEAR ALL FOULS. 4. MACHINE GUNS LOCATED TO 01 LVL FR 195 & FR 45 MN DK P/S. 5. WHISTLE & MAST HEAD LT ON FORMAST CORRECTED 6. MK 602 DSOT UNIT LOCATED IN 04-106-0-C PORT SIDE FWD BHD @ 45°. 7. AUX MACHY RM 1&2 ARR ADDED. 8. HALON STOWAGE DELETED FROM STBD SIDE 2-320-0-E AFT FR 320. 9. ALCOVE & ARCHWAY INDICATED IWO HANGAR PORT SIDE. 10. EGT TANK IN 2-320-0-E LABELED. 11. 30" REELS INDICATED IN 2-320-0-E. 12. LETTERING BROUGHT INTO COMPLIANCE. 13. CONDENSATE TANKS, BOILERS & AIR INTAKES INDICATED 14. ARR OF 5-192-0-E CORRECTED. THIS REVISION INCORPORATES THE FOLLOWING CHANGES: PSC NO.S. H-048, 051, 026, 004, 043, 031, 021, 024, 018, 023, 053, 030, M/E-038, 0-76A, 080, 098, 062, 040, EEE-006, 009, 026, 029, CS-0033, 0002, 0042, DDR NO.S 45-H-338, 45-H-566, 45-H-568, 45-E-468, 45-E 362, 45-E-472, 45-E-584, BIW CHANGE NO.S 41-073, 072, 071, 005, 052, 050, 048, 256, 121, 014, 077, 076, 075, 074, RN NO.S 1045-H-00078, 00080, 00084, & JJMA LTR NO. HRD 5836-20818, 9999-20570, 5836M-20440.	BIW K.B USCG RSM	4/23/87 5/13/87
B	1	3-A&3-C	2&3	AMMUNITION PASS THROUGH SCUTTLE RELOCATED FROM ABT 9" AFT FR 54 TO ABT 9" AFT FR 57 P/S.		
		4-C	4	INDICATED NEW LADDER IWO MK 92 PLATF AT CL FR115 PORT. ALL THE ABOVE TO SUIT RN 1045-H-00115.		
	2	5-A&5-C	2&4	DECK MARKINGS ALTERED AT 01 LVL. GUARD RAIL INDICATED ABV HANGAR AT FR 230 PORT AT CL TO SUIT RN-1045-H-00131.		
	3	6-D	5	GTRB EMERGENCY PANEL INDICATED AT CL OF BHD 320 TO SUIT DWG 724 WHEC 2200-4.		
	4	3-A	5	DOPPLER SPEED LOG INDICATED ABT FR 28 STBD TO SUIT DDR 45-E-497.		
	5	5-C	2	INDICATED SCALLOPED MN MAST SUPPORT BUTTS TO SUIT DDR-45-H-556.		
	6	GEN	ALL	ALTERED & CORRECTED MISC. DETAILS THROUGH OUT PLAN TO SUIT ARR DWG NO.S 601-002, 601-003, 601-004, 601-005 & DESIGN DEVELOPEMENT.		
	7	6-D&6-C	5	RELOCATED SHORE POWER CABLE & HAWSER REELS.	BIW: K.B	6-12-7
	8	5-A	2	INDICATED P/S TORPEDO DAVIT & MONORAIL.		
	9	GEN	GEN	ITEMS 3,4,7&8 ALTERED & ADDED TO SUIT RIO COMMENTS DATED 7-6-87, PTM 486B.	USCG: RSM	7/27/87
	10	1-B	GEN	ALL THE ABOVE ITEMS REQUIRED TO EXTEND APPLICABILITY TO WHEC 716.		

FOR REVISIONS CONT SEE SH2

RESERVATIONS:

SPEC SECTION INVOLVED: 085

D 1 C 25 B 10

BIW HULL NO.	USCG HULL NO.
1048	721
1047	718
1046	716
1045	715

REVISED AND REDRAWN FROM CG PLAN NUMBER 715 WPG 0103-1, REV 9

BATH IRON WORKS CORPORATION
BATH, MAINE

DESIGN AND ENGINEERING BY J.J. MCMULLEN
NEWPORT NEWS, VIRGINIA

CONTRACT NO. DTCG23-85-C-32075

UNITED STATES COAST GUARD
HEADQUARTERS
WASHINGTON, D.C. 20593

SHIPBUILDER
BATH IRON WORKS CORP
BATH, MAINE

378 FOOT WHEC FRAM
BOOKLET OF GENERAL PLANS
GEN DIMENSIONS & COVER PAGE

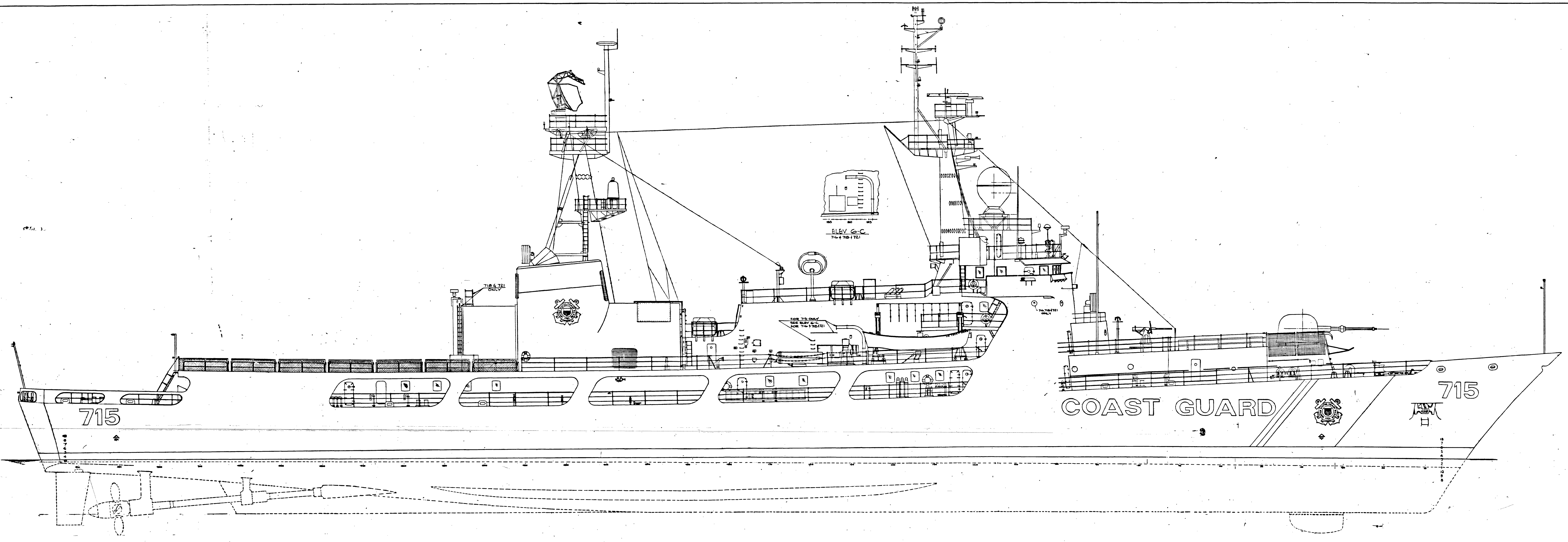
APPROVALS	DATES
J.J. MCMULLEN DES: D. NOELLER CHK: E. NEUBAUM SUPV: D.L. FERNALD	 1-6-87 1-7-87 1-7-87
BATH IRON WORKS WAN	1/21/87
USCG RESIDENT INSPECTOR RS Maloney	4-15-87

BKLT GEN PLAN & COVER PAGE

SIZE	US COAST GUARD DRAWING NUMBER	REV
H	378-FRAM-E-085-001	D

SCALE

SHEET 1 OF 9

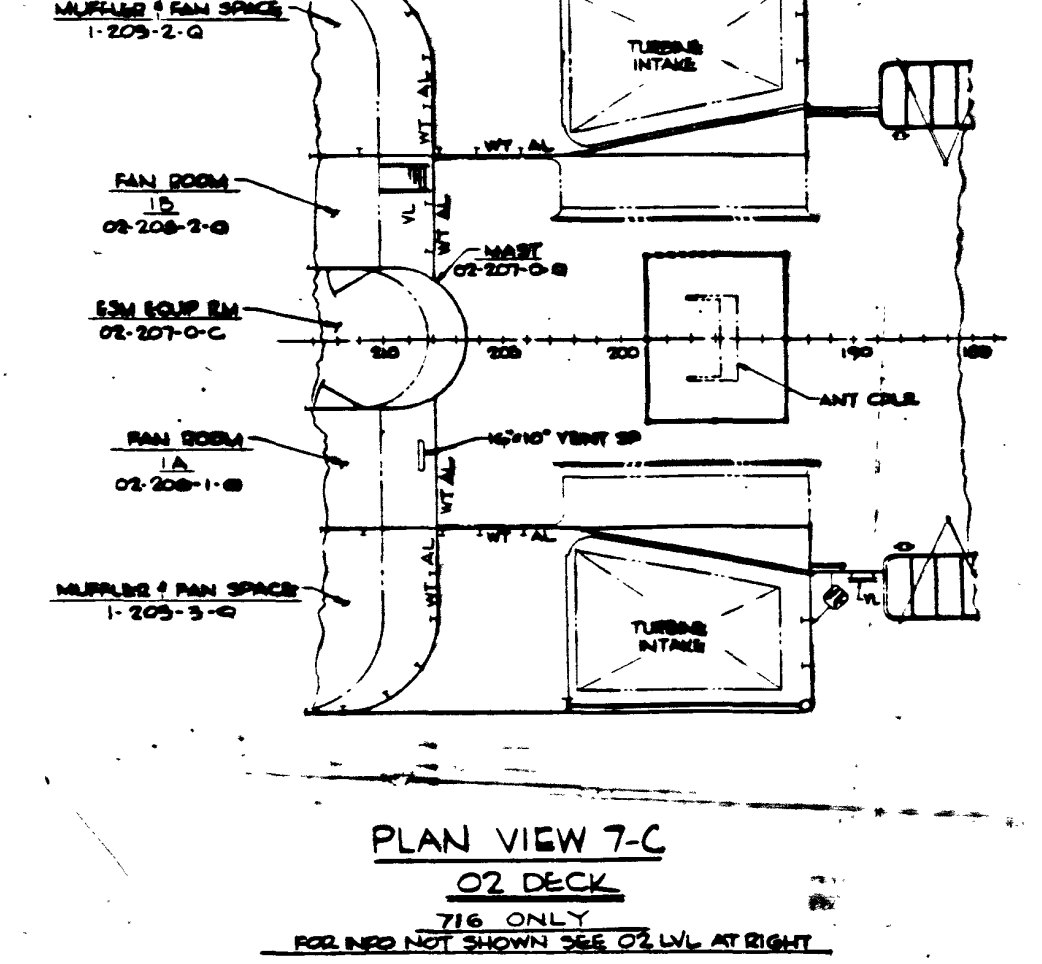

ELEV G-C
715
COAST GUARD
715

OUTBOARD PROFILE
SCALE 1/8" =1'-0"
UNITED STATES COAST GUARD
378 FT. HIGH ENDURANCE CUTTER

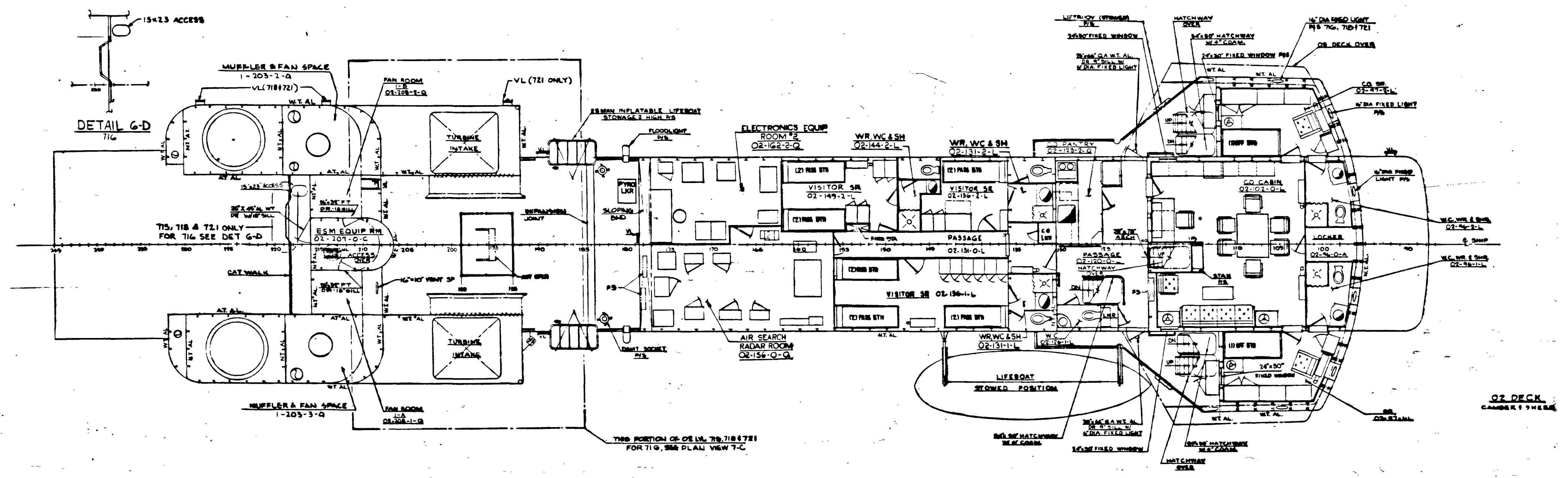
PLATE 3 OF 17

REVISIONS					APPROVAL	
REV	ITEM	ZONE	SH NO.	DESCRIPTION	BY	DATE
C	1	3C,5C 3D 5C	2,3 4 4	OUTBD & INBD PROFILE : ADDED INDICATION OF RCTV ANTENNA AND RELOCATED CCTV CAMERA TO ABT 69" ABT TOP OF PILOT HOUSE FR 99. RELOCATED CCTV CAMERA FROM TOP OF HANGAR TO TOP OF RETRACTABLE PORTION OF HANGAR. TOP OF PILOT HOUSE : REVISED INDICATION OF CCTV CAMERA. TOP OF HANGAR : RELOCATED CCTV CAMERA TO TOP OF RETRACTABLE PORTION OF HANGAR. ALL OF ITEM #1 TO SUIT DESIGN DEVELOPMENT OF FOUNDATIONS.		
	2	4C	2	OUTBD PROFILE : DOWN-HAUL FOR MF WIRE ANTENNA ADDED. THIS INCORPORATES DDR 45-E-468.		
	3	4D	4	TOP OF PILOT HOUSE : FWD BHD OF SIGNALMAN SHELTER 04-113-0-Q RELOCATED TO FR 115 AND COMPT RENUMBERED TO 04-115-0-Q. THIS INCORPORATES DDR 45-H-748.		
	4	4C	4	03 DECK : ELECTRICAL EQPT INDICATED IN PASSAGE 03-113-0-L AND REARRANGED EQPT IN PILOT HOUSE 03-99-0-C FR 111-113 (P). THIS INCORPORATES DDR 45-E-706.		
	5	5A,6A	2	01 DECK : ADDED HELICOPTER TIE DOWNS IN HANGAR 01-216-0-Q AND ON FLIGHT DECK FR 216-315. THIS INCORPORATES DDR 45-H-357.		
	6	3A,3C	2	OUTBD PROFILE & 01 DECK : RELOCATED HF WHIP ANTENNA FROM FR 94 TO FR 90 P/S. THIS INCORPORATES DDR 45-E-472		
	7	5A	2	01 DECK : RELOCATED VERTICAL LADDER FROM FR 219 ON CL TO ABT 7'-6" OFF CL PORT FR 217 1/2 AND ADDED INDICATION OF ACCESS OPNG OVER. THIS INCORPORATES DDR 45-H-495		
	8	3B	2	01 DECK : RELOCATED FURNITURE AND FAN COIL UNIT IN ENGR OFFICER'S SR 01-94-2-L. THIS INCORPORATES DDR 45-M-711.		
	9	3A	3	MAIN DECK : REARRANGED OFFICER'S SR 1-72-2-L. THIS INCORPORATES DDR 45-H-673		
	10	6A	3	MAIN DECK : ADDED INDICATION OF SHORE TIE ENCLOSURE FR 304 CL. THIS INCORPORATES DDR 45-H-722		
	11	3A	3	MAIN DECK : REARRANGED DECK GEAR LKR 1-68-2-A AND FIRE STATION IN PASSAGE 1-64-0-L. THIS INCORPORATES DDR 45-M-732 AND 45-M-733		
	12	6D	5	2ND DECK : STEERING GEAR ROOM 2-320-0-E REARRANGED SLQ25 CONT. CAB, AND PORT STAN STWG RACK ALONG FWD BHD FR 320 CL TO ABT 60" PORT. INDICATED STARTING CONT CAB OUTBD OF BATTERY RACK FR 327 PORT, THIS INCORPORATES DDR 45-H-696		
	13	4D 5D	5 5	2ND DECK : CREW BERTHING 2-120-3-L-LKRS ON FR 136 RELOCATED INBD FROM ABT 14'-6" TO 14'-0" OFF CL STBD. CREW BERTHING 2-120-2-L-LKR RELOCATED FROM END OF BERTH TO INBD BHD AND FCU RELOCATED AFT TO SUIT. CREW BERTHING 2-144-3-L-LKR RELOCATED FROM END OF BERTH TO FWD BHD OF FAN ROOM FR 160 AND FCU RELOCATED AFT TO SUIT. CREW BERTHING 2-256-1-L-AFT OUTBD BERTHS RELOCATED AND LKR ABT FR 271 RELOCATED TO INBD BHD. CREW BERTHING 2-256-2-L-ONE LKR RELOCATED FROM AFT BHD TO ABT FR 272 PORT. LKR ADJACENT TO DOOR IN INBD BHD RELOCATED TO NEW RECESS IN-WAY OF CREW SHOWER FR 268 PORT CREW BERTHING 2-280-3-L-LKRS AT AFT BHD RELOCATED ABT 18" INBD THIS INCORPORATES DDR 45-H-747 AND 46-M-168.		

FOR REVISIONS CONT SEE SH 3


VL
MUFFLER & FAN SPACE
1-203-2-Q
FAN ROOM
1B
02-208-2-Q
MAST
02-207-0-Q
ESM EQUIP RM
02-207-0-C
TURBINE INTAKE
ANT CPLR
FAN ROOM
1A
02-208-1-Q
16"x10" VENT SP
MUFFLER & FAN SPACE
1-203-3-Q
TURBINE INTAKE

PLAN VIEW 7-C
02 DECK
716 ONLY
FOR INFO NOT SHOWN SEE 02 LVL AT RIGHT

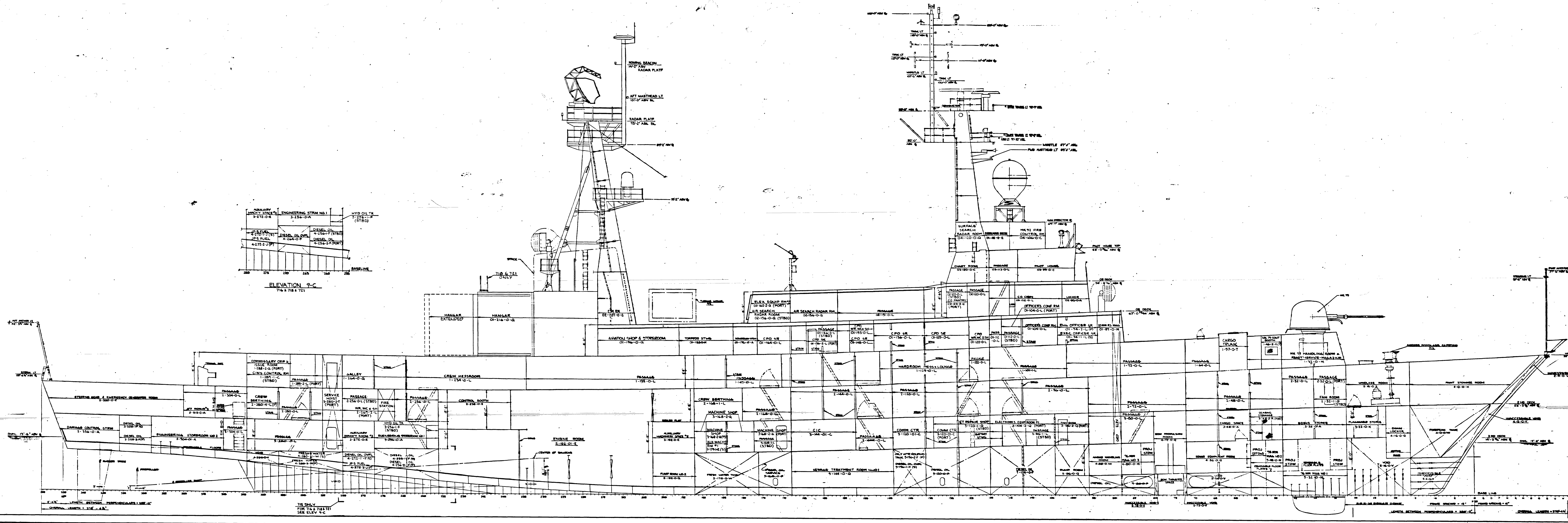

15x23 ACCESS
DETAIL 6-D
716
MUFFLER & FAN SPACE
1-203-2-Q
VL(718 & 721)
FAN ROOM
1-B
02-208-2-Q
15"x23" ACCESS
26"X 45" AL WT DR W/18" SILL
715, 718 & 721 ONLY
FOR 716 SEE DET 6-D
ESM EQUIP RM
02-207-0-C
ACCESS OVER
CAT WALK
16"x10" VENT
MUFFLER & FAN SPACE
1-203-3-Q
FAN ROOM
1-A
02-208-1-Q
ELECTRONICS EQPT
02 DECK

02 DECK
SCALE 1/8" =1'-0"
UNITED STATES COAST GUARD
378 FT. HIGH ENDURANCE CUTTER

PLATE 7 OF 17

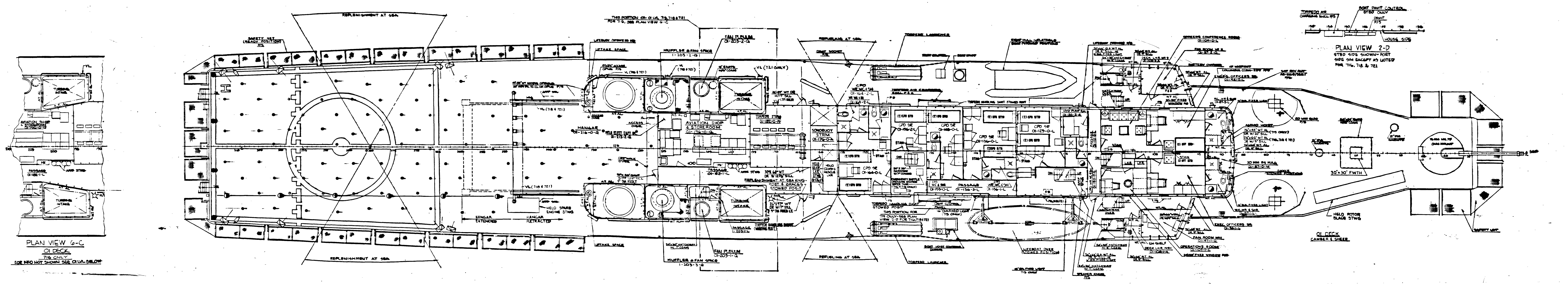
BOOKLET OF GENERAL PLANS
OUTBD PROFILE & 02 DECK

SIZE	USCG DRAWING NUMBER	REV
H	378-FRAM-E-085-001	D
SCALE AS NOTED	SHEET 2 OF 9	



INBOARD PROFILE
SCALE 1/8" = 1'-0"
UNITED STATES COAST GUARD
378 FT. HIGH ENDURANCE CUTTER

PLATE 4 OF 17



01 DECK
SCALE 1/8" = 1'-0"
UNITED STATES COAST GUARD
378 FT. HIGH ENDURANCE CUTTER

PLATE 8 OF 17

REVISIONS					APPROVAL	
REV	ITEM	ZONE	SH NO.	DESCRIPTION	BY	DATE
C	14	6D	5	2ND DECK : STEERING GEAR ROOM 2-320-0-E - INDICATION OF HALON. FDN RELOCATED FROM 22" AFT FR 328, 27" OFF CL STBD TO 8" AFT FR 328, 31" OFF CL STBD. THIS INCORPORATES DDR 45-H-787		
	15	5D	5	2ND DECK : CREW WR, WL & SH 2-270-2-L - ENCLOSURE BHD AND URINAL RELOCATED FROM 20" TO 24" FWD FR 280. THIS INCORPORATES DDR 45-M-691 AND 46-M-110.		
	16	ALL	5	EEBD'S ADDED IN THE FOLLOWING COMPARTMENTS : 2ND DECK : PASSAGE 2-32-0-L, PASSAGE 2-48-0-L, ENGINE ROOM 5-192-01-E, CONTROL BOOTH 2-238-0-E, STEERING GEAR ROOM 2-320-0-E 3RD DECK : FLAMMABLE STORES 3-22-0-K, BOSN'S STORES 3-32-0-A, CARGO SPACE 3-48-0-A, PASSAGE 3-80-0-L, IC & GYRO RM 3-96-3-C, ELEK EQPT RM #1 3-104-2-Q, ET RPR SHOP 3-120-1-Q, COMM CTR 3-120-01-C, CIC 3-144-01-C, ELEC SHOP 3-168-3-Q, MACHINE SHOP 3-168-2-Q ENGINE ROOM 5-192-01-E, PASSAGE 3-280-0-L AND PASSAGE 3-304-0-L. HOLD FLAT : 76 MM MAG #1 5-32-0-M, 76 MM MAG #2 5-48-0-M, SONAR EQPT RM 4-56-0-Q, BOW PROP RM 4-72-0-Q, AND AMMO HNDLG RM 4-88-0-M. INNERBOTTOM : PUMP RM #1 5-96-0-Q, SEWAGE TREATMENT RM #1 5-144-0-Q, PUMP RM #2 5-192-0-E AND ENGINE RM 5-192-01-E. THIS INCORPORATES DDR 45-H-540		
	17	5D	5	2ND DECK : ADDED INDICATION OF LOAD CTR PANEL AT FWD END OF PASSAGE 2-256-0-L. THIS INCORPORATES DDR 45-E-584.		
	18	4C	5	3RD DECK : DELETED PIPE & BAR STOWAGE RACK IN AFT/STBD CORNER OF MACHINE SHOP 3-168-2-Q. MODIFIED EM BHD FR 180-188 STBD AND ADDED NEW MJ BHD FR 188-192 STBD. THIS INCORPORATED DDR 45-H-720 AND 46-H-169		
	19	4C	5	3RD DECK : RELOCATED MK 9 MOD 2 DEAD RECKONING ANALYZER INDICATOR TO BENEATH THE CRP-LSR-1811R LINE SCAN RECORDER IN CIC 3-144-01-C ABT FR 151, 7'-0 OFF CL STBD. THIS INCORPORATES DDR 45-E-670 AND 45-E-668		
	20	4C	5	3RD DECK : RELOCATED WORKBENCH AT BHD FR 144 IN COMM CENTER 3-120-01-C FROM 8" TO 18" OFF CL STBD. THIS INCORPORATED DDR 45-H-713		
	21	5B	5	3RD DECK : ADDED INDICATION OF FDN FOR HW CIRC PUMP IN ENGINE ROOM 5-192-01-E ABT FR 254 AT STBD SHELL. THIS INCORPORATES DDR 45-M-458		
	22	3C	5	3RD DECK : RELOCATED C-JI BOX IN ELEK EQPT RM #1 3-104-2-Q TO ABT FR 112, 10'-0" OFF CL PORT. THIS INCORPORATES DDR 45-E-531		
	23	3C	5	3RD DECK : INDICATED ARRANGEMENT OF EQUIPMENT IN FAN ROOM 3-96-2-Q. THIS INCORPORATES DDR 45-M-710 AND 46-M-125.		
	24	3A	6	HOLD FLAT : ADDED INDICATION OF GRAVITY COIL UNITS IN 76 MM MAG #1 5-32-0-M, 76 MM MAG #2 5-48-0-M AND 76 MM MAG #3 4-80-0-M. THIS INCORPORATES DDR 45-H-757, 45-H-758, 45-M-761, 46-H-163, 46-H-164 AND 46-M-167.		
	25	ALL	7 THRU 12	ADDED SHEETS 7 THRU 12 GOOD FOR WHEC 718 ONLY. THIS EXTENDS APPLICABILITY TO WHEC 718.	BIW RLA USCG JRT	02/16/88 8/21/91

FOR REVISIONS CONT SEE SH 4

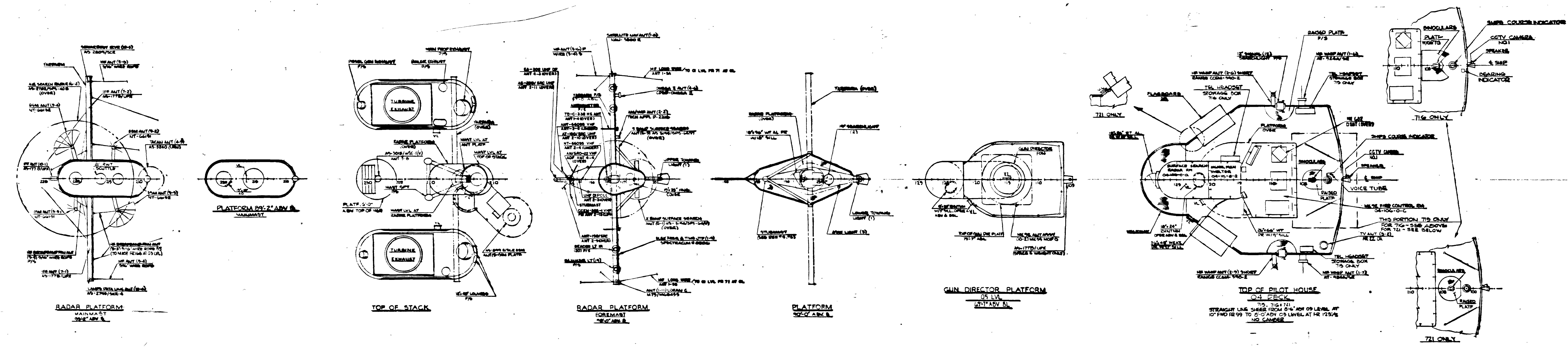
BOOKLET OF GENERAL PLANS
INBD PROFILE & 01 DECK

SIZE	USCG DRAWING NUMBER	REV
H	378-FRAM-E-085-001	D
SCALE AS NOTED		SHEET 3 OF 9

378-FRAM-E-085-001

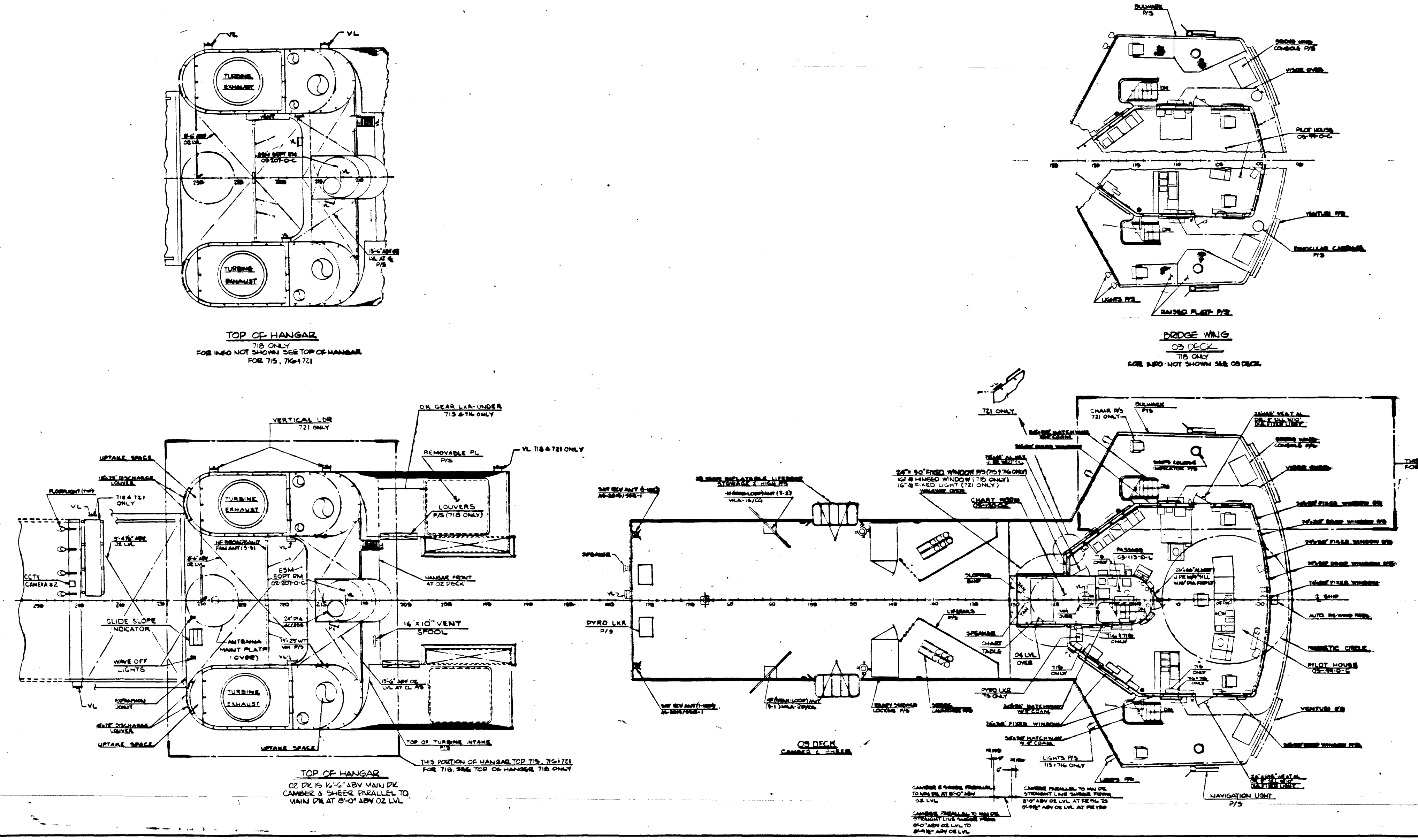
378-FRAM-E-085-001 SH 3

REVISIONS					APPROVAL	
REV	ITEM	ZONE	SH NO.	DESCRIPTION	BY	DATE
D	1	ALL	ALL	EXTENDED APPLICABILITY TO WHEC 721-DDR 48-M-002.	THIS INCORPORATES	
	2	ALL	ALL	DRAWING REWORKED THRU-OUT TO INDICATE DEVELOPMENT FROM UPDATED GENERAL ARRANGEMENT DRAWINGS I.A.W. COAST GUARD LTR 085, SER 11993 DATED 12 MAY 1988.	BIW USCG SRT	8/21/91


TOP OF PILOT HOUSE
04 DECK
718 ONLY
FOR INFO NOT SHOWN SEE TOP OF PILOT HOUSE FOR 715, 716 & 721
MK 92 FIRE CONTROL RM 04-106-0-C
BINOCULAR CARRIAGE P/S
RADAR PLATFORM
MAINMAST
PLATFORM 89'-2" ABV B
MAINMAST
TOP OF STACK
TURBINE EXHAUST
RADAR PLATFORM
FOREMAST
PLATFORM
GUN DIRECTOR PLATFORM
05 LVL
69'-7" ABV BL
TOP OF PILOT HOUSE
04 DECK
715, 716 & 721
STRAIGHT LINE SHEER FROM 8'-6" ABV 03 LEVEL AT 10" FWD FR 99 TO 8'-0" ABV 03 LEVEL AT FR 123 1/2
NO CAMBER
THIS PORTION 715 ONLY
FOR 716 ~ SEE ABOVE
FOR 721 ~ SEE BELOW
TV ANT (3-2)
TEL HEADSET STOWAGE BOX 715 ONLY
RAISED PLATF
721 ONLY
716 ONLY

TOP OF PILOT HOUSE, TOP OF STACK
& ELEVATED PLATFORMS
SCALE 1/8" = 1'-0"
UNITED STATES COAST GUARD
378 FT. HIGH ENDURANCE CUTTER

PLATE 5 OF 17


TOP OF HANGAR
718 ONLY
FOR INFO NOT SHOWN SEE TOP OF HANGAR FOR 715, 716 & 721
BRIDGE WING
03 DECK
718 ONLY
FOR INFO NOT SHOWN SEE 03 DECK
LIGHTS P/S
RAISED PLATF P/S
VERTICAL LDR 721 ONLY
DK GEAR LKR-UNDER 715 & 716 ONLY
REMOVABLE PL P/S
VL 718 & 721 ONLY
UPTAKE SPACE
TURBINE EXHAUST
TOP OF TURBINE INTAKE P/S
THIS PORTION OF HANGAR TOP 715, 716 & 721
FOR 718 SEE TOP OF HANGER 718 ONLY
TOP OF HANGAR
02 DK IS 16'-6" ABV MAIN DK
CAMBER & SHEER PARALLEL TO MAIN DK AT 8'-0" ABV 02 LVL
03 DECK
CAMBER & SHEER
721 ONLY
CHAIR P/S 721 ONLY
24" x 30" FIXED WINDOW P/S (715 & 716 ONLY)
16" Ø HINGED WINDOW (718 ONLY)
16" Ø FIXED LIGHT (721 ONLY)
PYRO LKR 715 ONLY
LIGHTS P/S 715 & 716 ONLY
NAVIGATION LIGHT P/S
VENTURI P/S

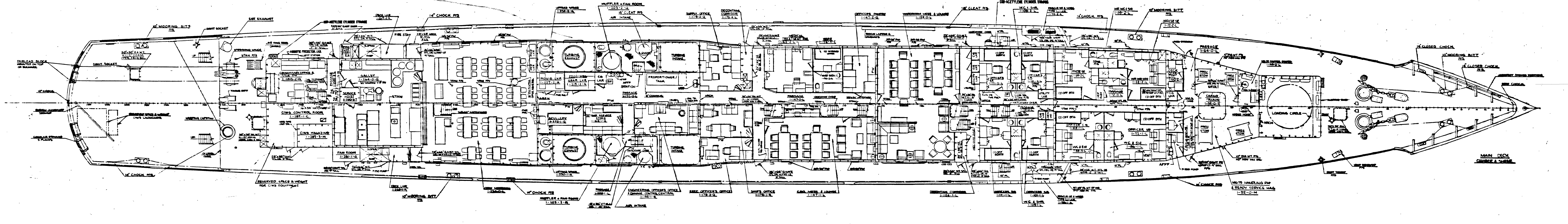
03 DECK
SCALE 1/8" = 1'-0"
UNITED STATES COAST GUARD
378 FT. HIGH ENDURANCE CUTTER

PLATE 6 OF 17

BOOKLET OF GENERAL PLANS
03 DK & TOP OF PILOT HSE

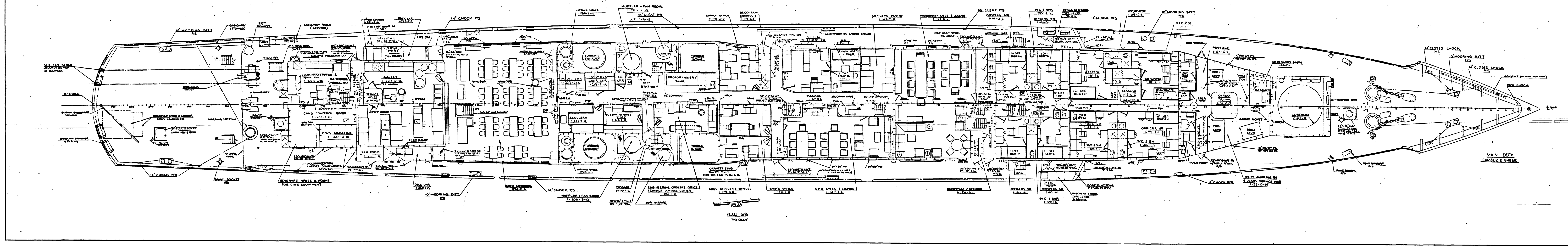
SIZE	USCG DRAWING NUMBER	REV
H	378-FRAM-E-085-001	D

SCALE AS NOTED
SHEET 4 OF 9



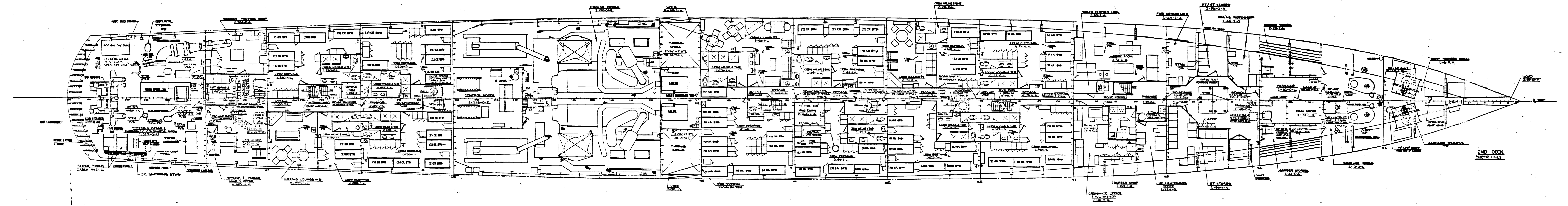
MAIN DECK
SCALE 1/8" =1'-0"
UNITED STATES COAST GUARD
378 FT. HIGH ENDURANCE CUTTER
WHEC 715

PLATE 9 OF 17



MAIN DECK
SCALE 1/8" =1'-0"
UNITED STATES COAST GUARD
378 FT. HIGH ENDURANCE CUTTER
WHEC 716, 718 & 721

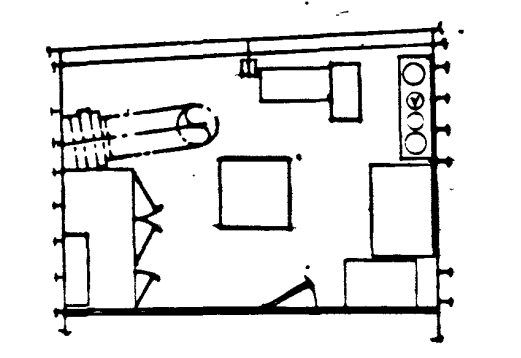
PLATE 10 OF 17



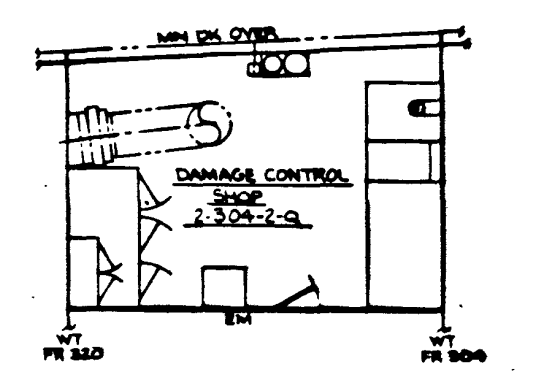
2ND DECK
SCALE 1/8" =1'-0"
UNITED STATES COAST GUARD
378 FT. HIGH ENDURANCE CUTTER
WHEC 715

PLATE 11 OF 17

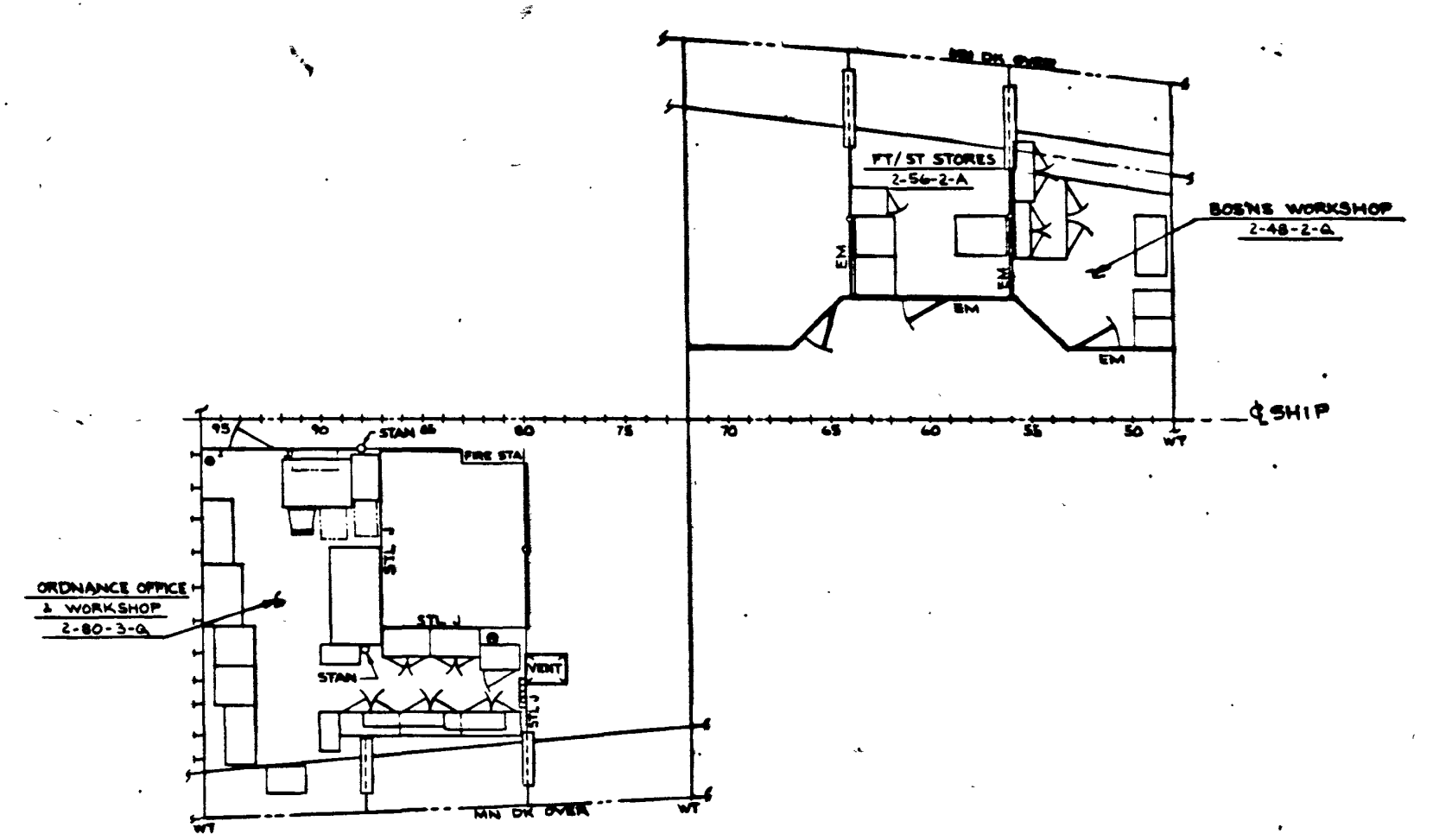
BOOKLET OF GENERAL PLANS MAIN DECK & 2ND DECK		
SIZE	USCG DRAWING NUMBER	REV
H	378-FRAM-E-085-001	D
SCALE AS NOTED	SHEET 5 OF 9	


DAMAGE CONTROL
SHOP 2-304-2-Q
718

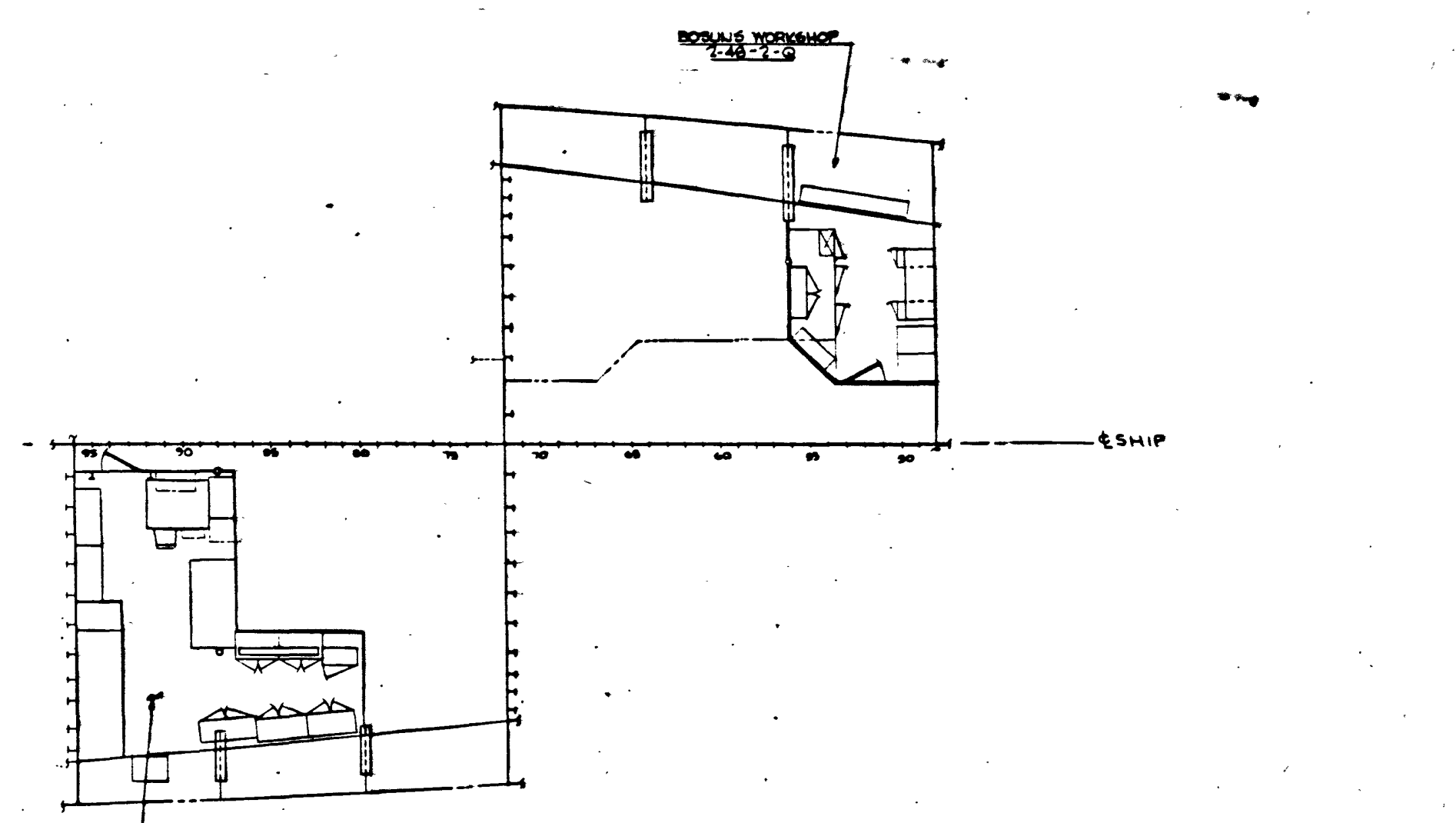
PLAN 10B


MN DK OVER
DAMAGE CONTROL
SHOP
2-304-2-Q
WT
FR 320
WT
FR 304
721

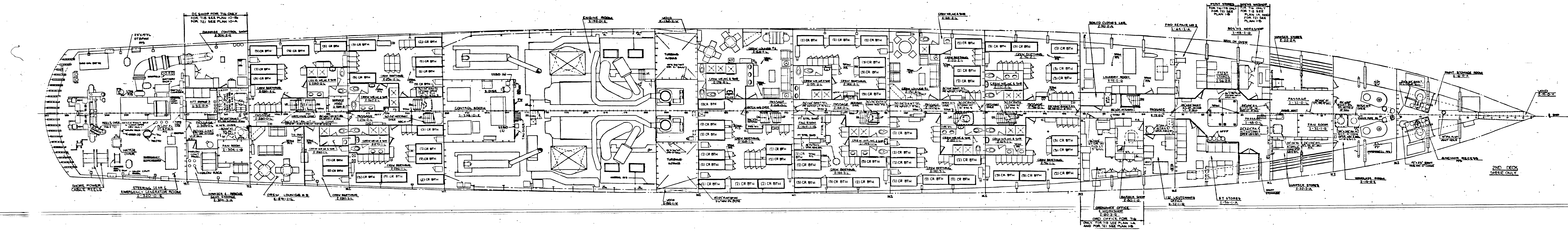
PLAN 10-A


FT/ST STORES
2-56-2-A
BOS'NS WORKSHOP
2-48-2-Q
ORDNANCE OFFICE
& WORKSHOP
2-80-3-Q
MN DK OVER
¢ SHIP
2ND DECK
721

PLAN 1-B

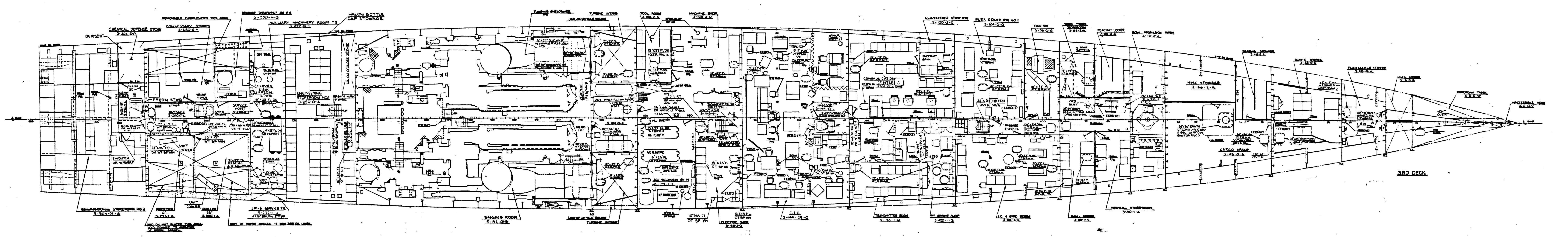

BOSUN'S WORKSHOP
2-48-2-Q
¢ SHIP
ORDNANCE OFFICE
& WORKSHOP
2-80-3-Q
2ND DECK
718

PLAN 1-A


DC SHOP FOR 716 ONLY
FOR 718 SEE PLAN 10-B
FOR 721 SEE PLAN 10-A
DAMAGE CONTROL SHOP
2-304-2-Q
FT/ST STORES
FOR 716/718 ONLY
FOR 721 SEE
PLAN 1-B
BOS'NS WKSHOP
FOR 716 ONLY
FOR 718 SEE
PLAN 1A AND
FOR 721 SEE
PLAN 1-B
BOS'NS WORKSHOP
CREW WR, WC & SHR
2-120-2-L
SOILED CLOTHES LKR.
2-90-2-A
FWD REPAIR NO 2
2-64-2-A
2ND DECK

2ND DECK
SCALE 1/8" =1'-0"
UNITED STATES COAST GUARD
378 FT. HIGH ENDURANCE CUTTER
WHEC 716, 718 &721

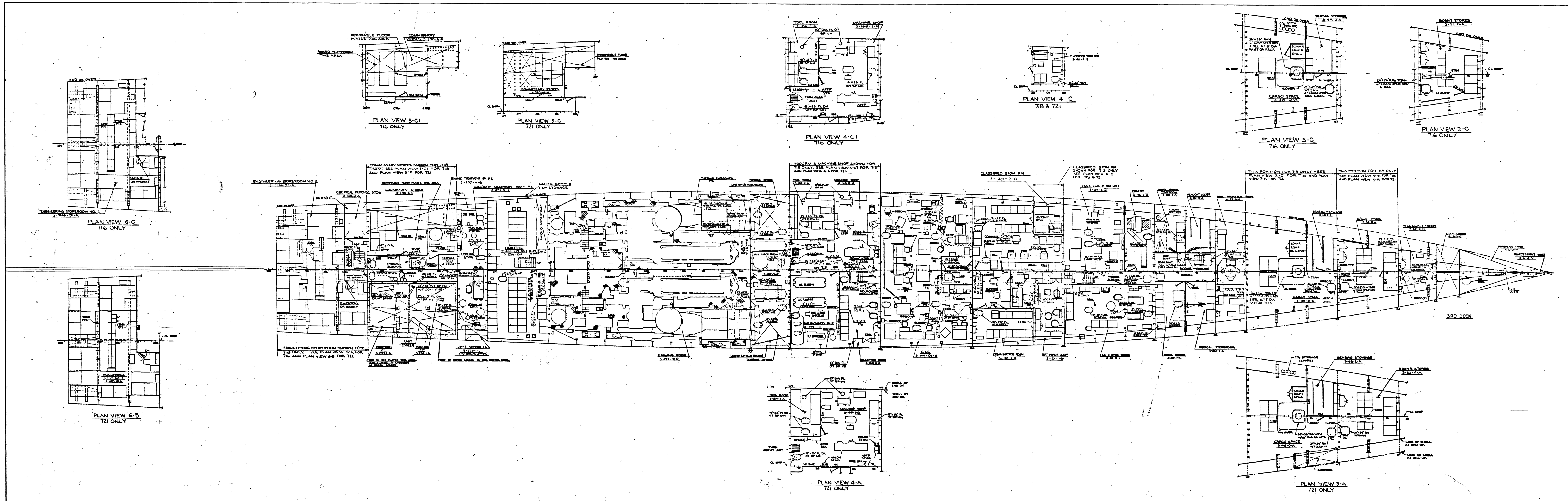
PLATE 12 OF 17



3RD DECK
SCALE 1/8" =1'-0"
UNITED STATES COAST GUARD
378 FT. HIGH ENDURANCE CUTTER
WHEC 715

PLATE 13 OF 17

BOOKLET OF GENERAL PLANS 2ND DECK & 3RD DECK		
SIZE	USCG DRAWING NUMBER	REV
H	378-FRAM-E-085-001	D
SCALE AS NOTED		SHEET 6 OF 9


PLAN VIEW 6-C
716 ONLY
PLAN VIEW 5-C1
716 ONLY
PLAN VIEW 5-C
721 ONLY
PLAN VIEW 4-C1
716 ONLY
PLAN VIEW 4-C
718 & 721
PLAN VIEW 3-C
716 ONLY
PLAN VIEW 2-C
716 ONLY
3RD DECK
PLAN VIEW 6-B
721 ONLY
PLAN VIEW 4-A
721 ONLY
PLAN VIEW 3-A
721 ONLY

3RD DECK
SCALE 1/8" =1'-0"
UNITED STATES COAST GUARD
378 FT. HIGH ENDURANCE CUTTER
WHEC 716, 718 &721

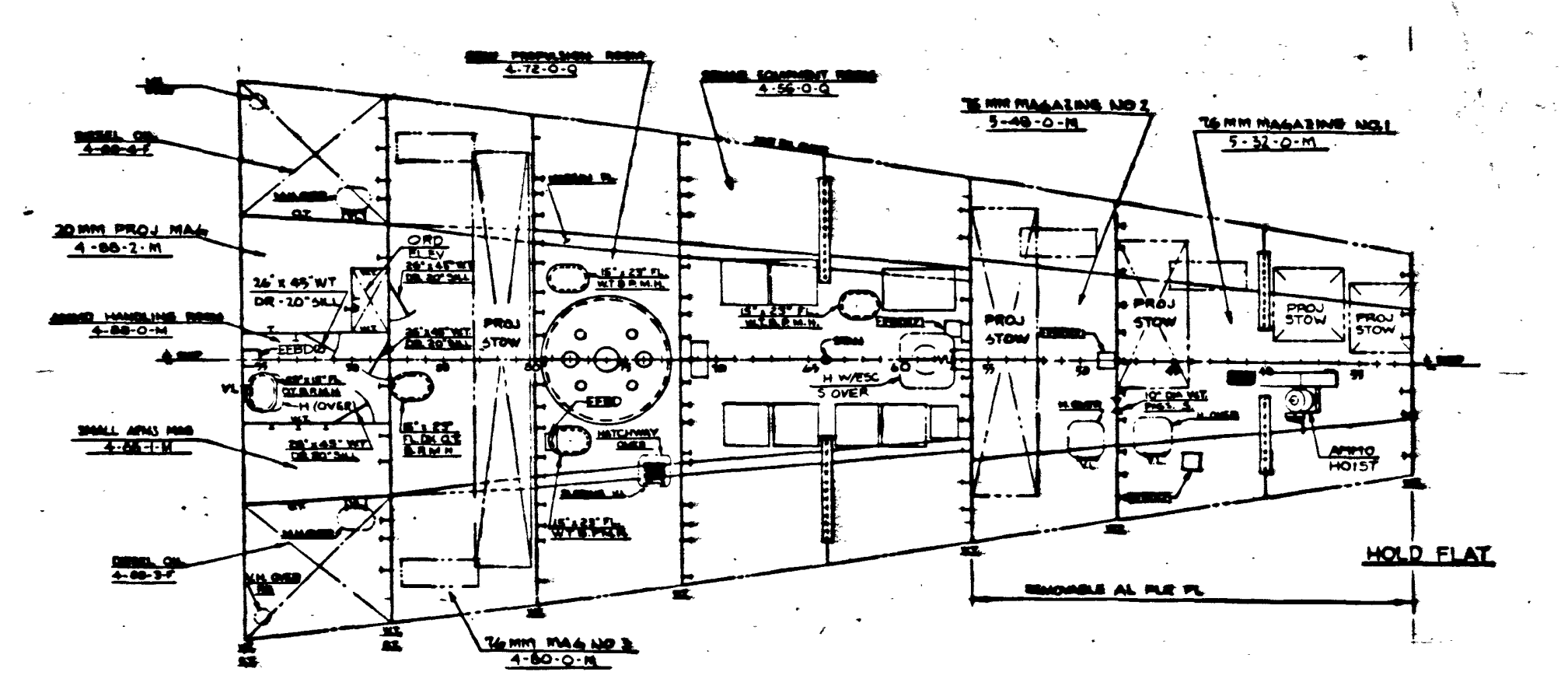
PLATE 14 OF 17

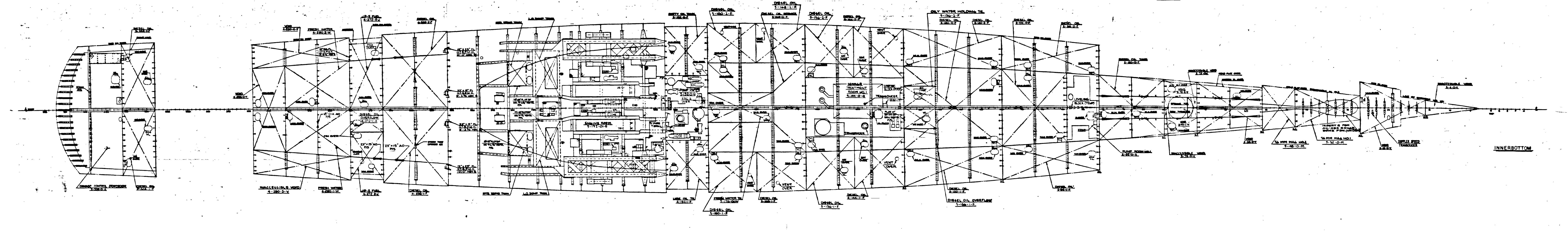
BOOKLET OF GENERAL PLANS
3RD DECK

SIZE	USCG DRAWING NUMBER	REV
H	378-FRAM-E-085-001	D
SCALE AS NOTED	SHEET 7 OF 9	

6 5 4 3 2 1

D



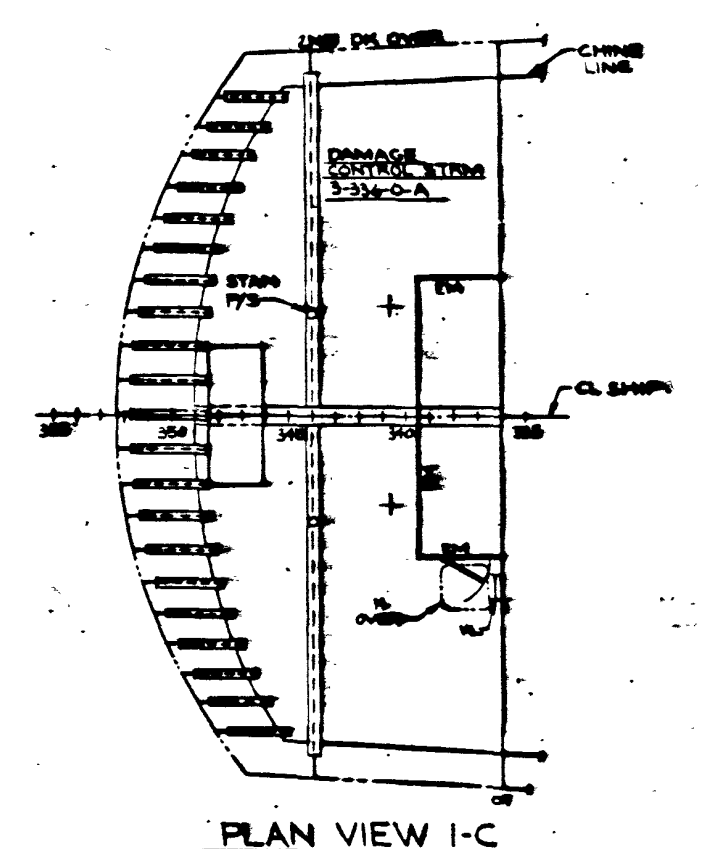

INNERBOTTOM

C

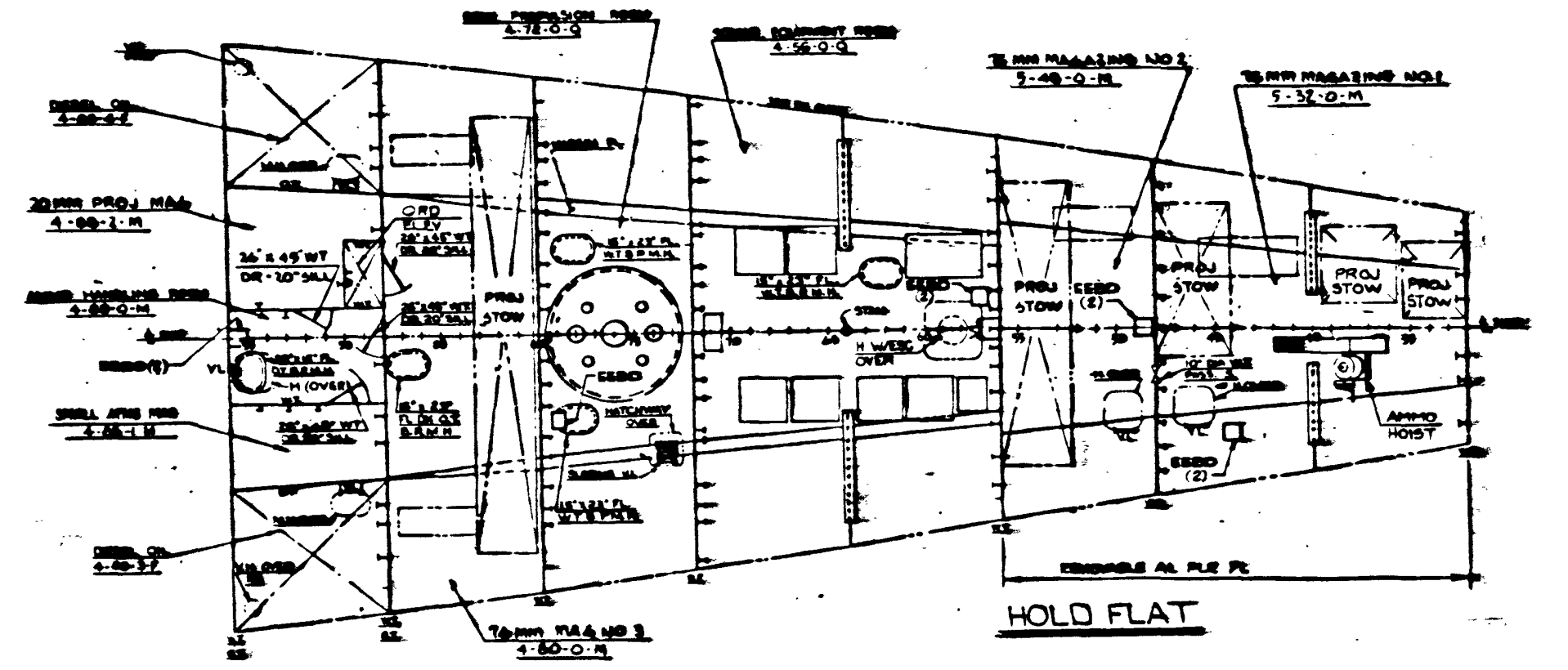
HOLD FLAT & INNERBOTTOM
SCALE 1/8" =1'-0"
UNITED STATES COAST GUARD
378 FT. HIGH ENDURANCE CUTTER
WHEC 715

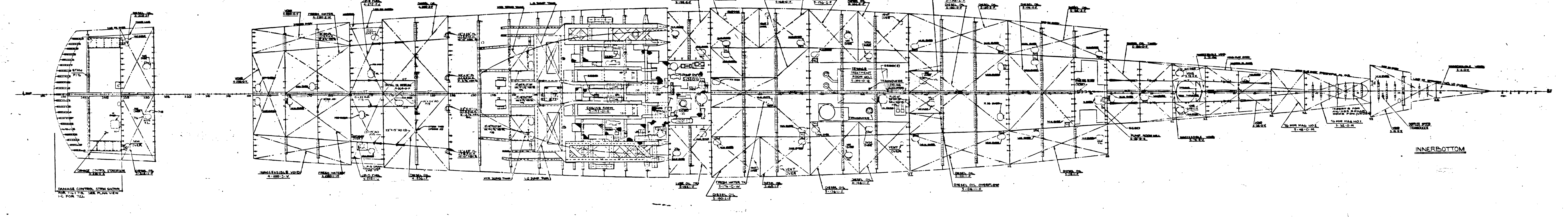
PLATE 15 OF 17

B


2ND DK OVER
CHINE LINE
DAMAGE CONTROL STRM 3-336-0-A
CL SHIP

PLAN VIEW 1-C
721 ONLY




INNERBOTTOM

A

HOLD FLAT & INNERBOTTOM
SCALE 1/8" =1'-0"
UNITED STATES COAST GUARD
378 FT. HIGH ENDURANCE CUTTER
WHEC 716, 718 &721

PLATE 16 OF 17

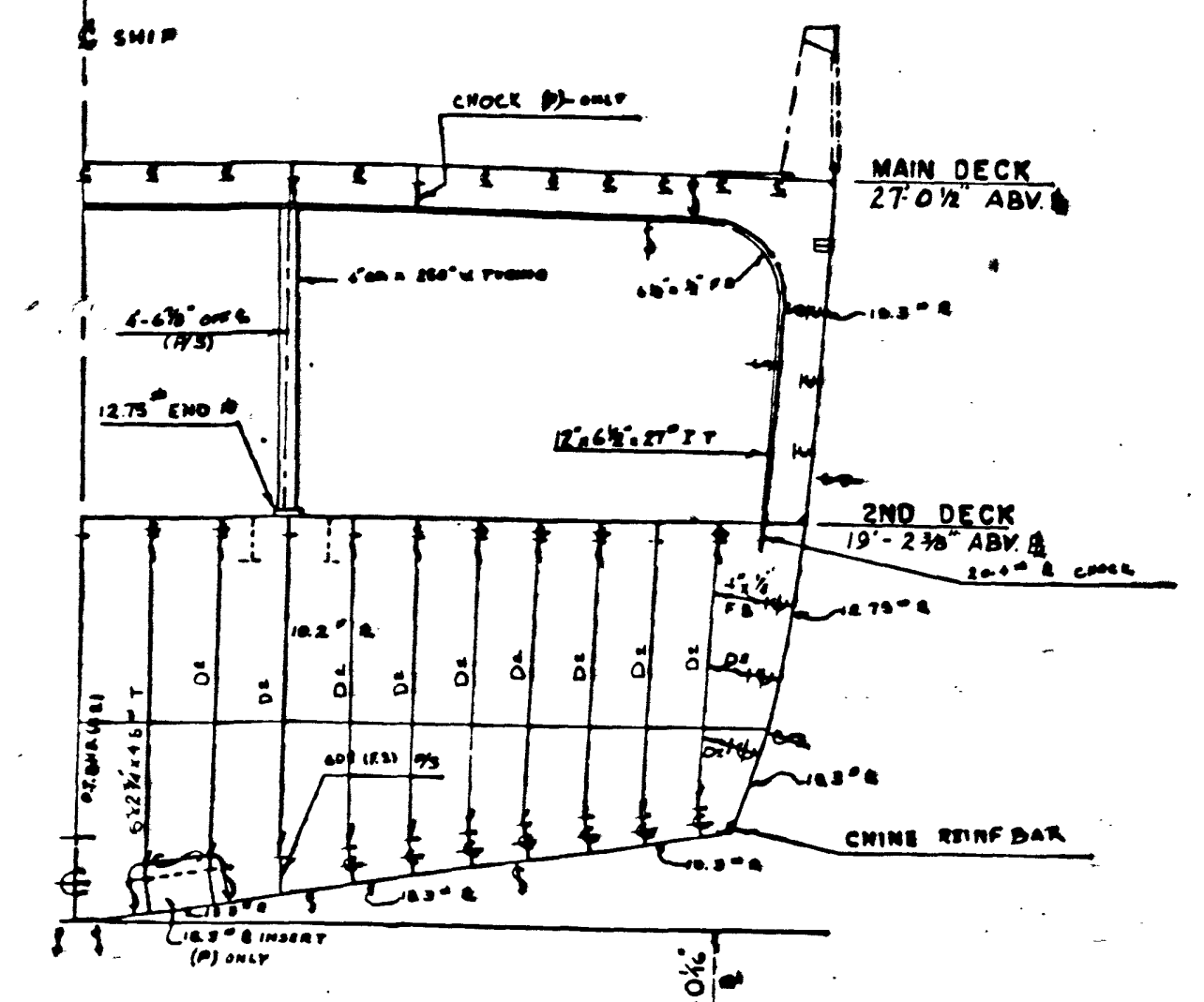
BOOKLET OF GENERAL PLANS
HOLD FLAT & INNERBOTTOM

SIZE	USCG DRAWING NUMBER	REV
H	378-FRAM-E-085-001	D
SCALE AS NOTED		SHEET 8 OF 9

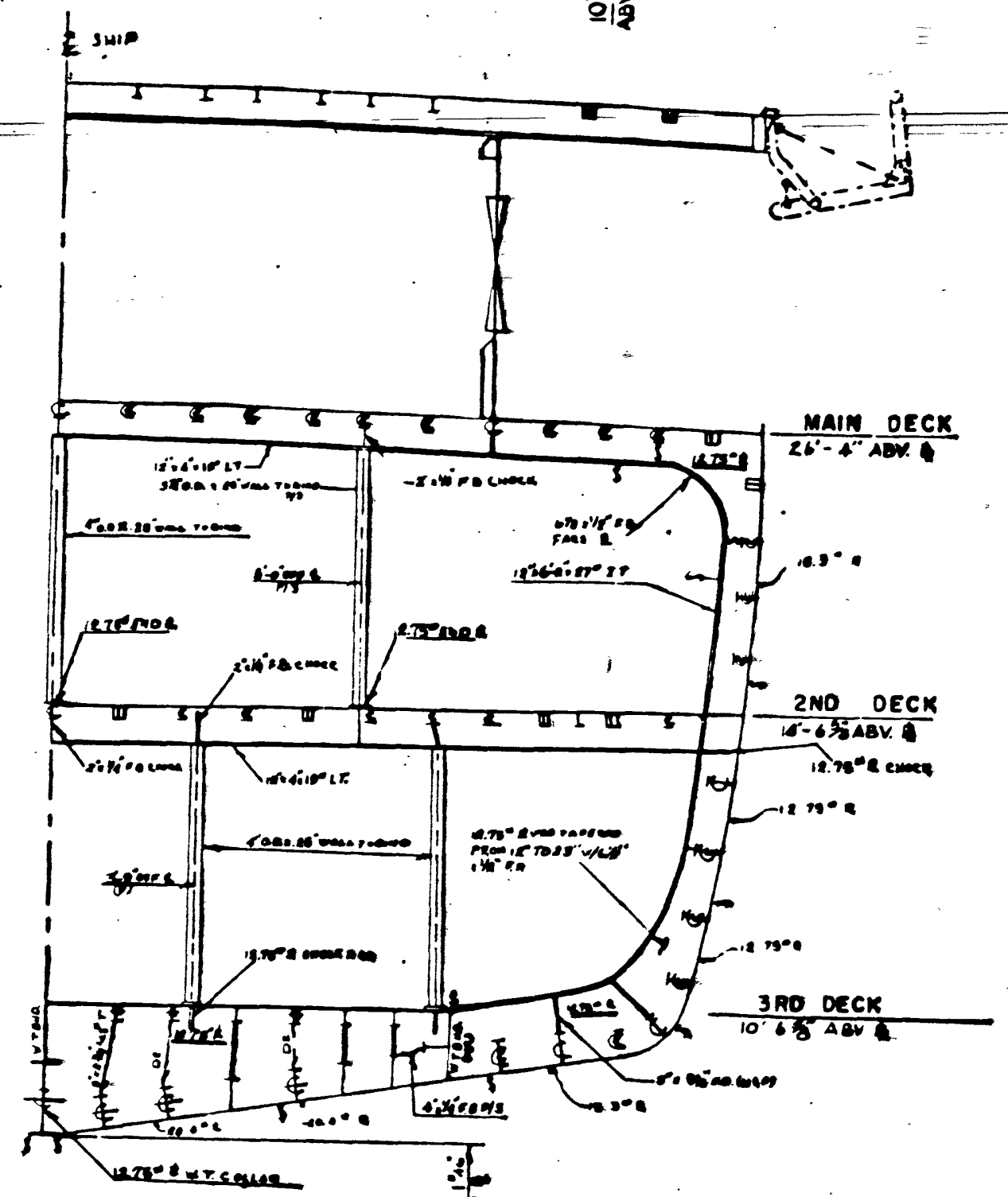
6 5 4 3 2 1

378-FRAM-E-085-001

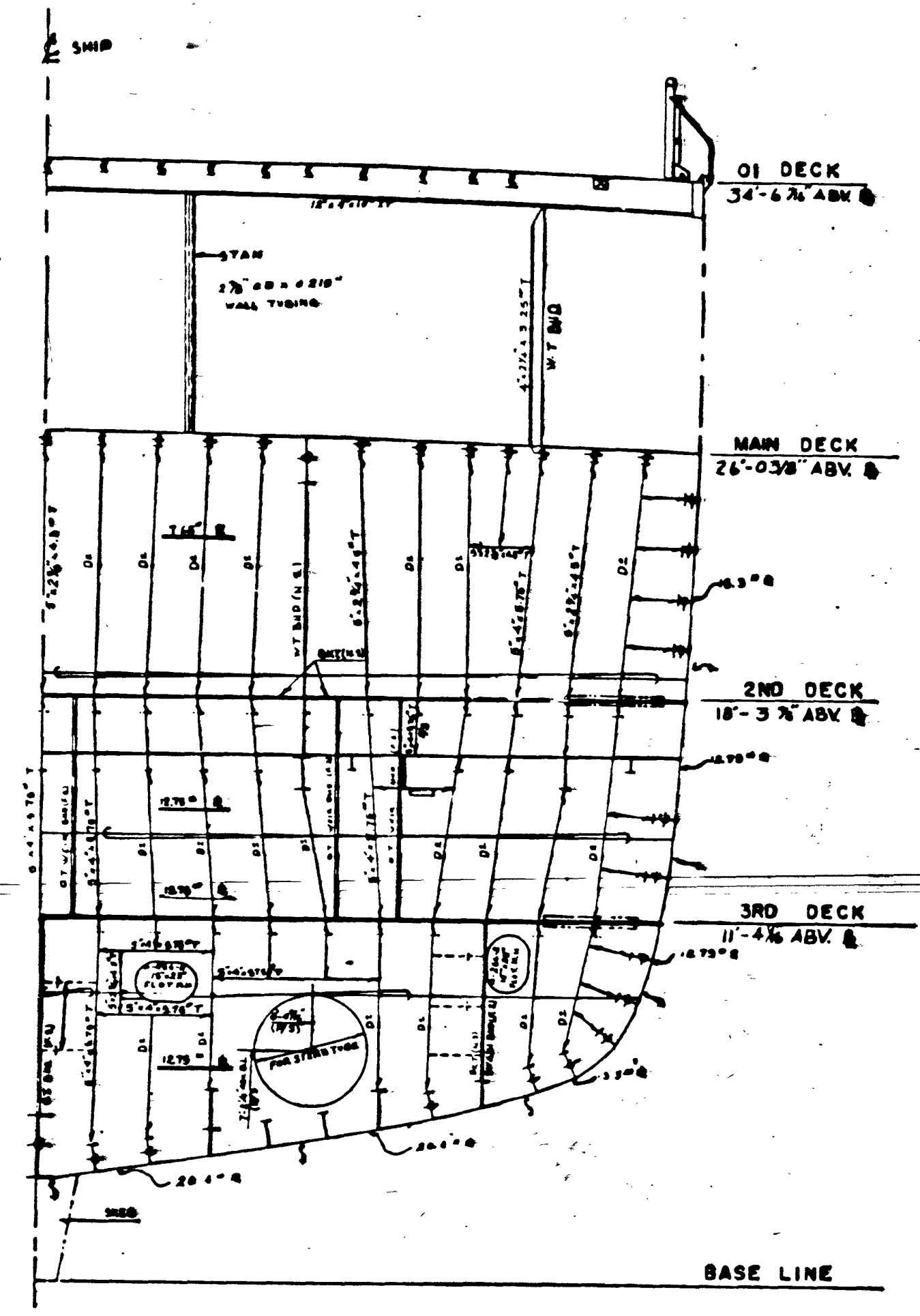
378-FRAM-E-085-001


℄ SHIP
CHOCK (P) ONLY
MAIN DECK
27'-0½" ABV. ℄
2ND DECK
19'-2⅜" ABV. ℄
CHINE REINF BAR
10'-0⅛" ABV. ℄

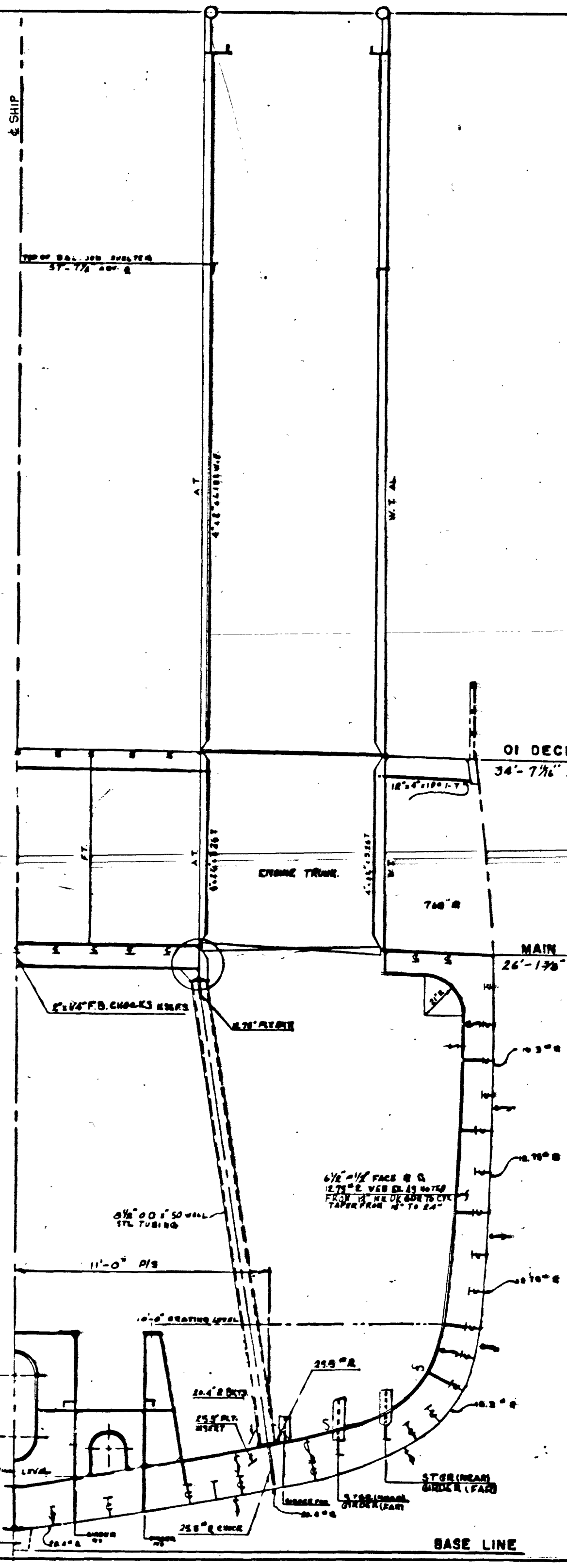
BULKHEAD 336
LOOKING AFT


℄ SHIP
MAIN DECK
26'-4" ABV. ℄
2ND DECK
18'-6⅝" ABV. ℄
3RD DECK
10'-6⅝" ABV. ℄

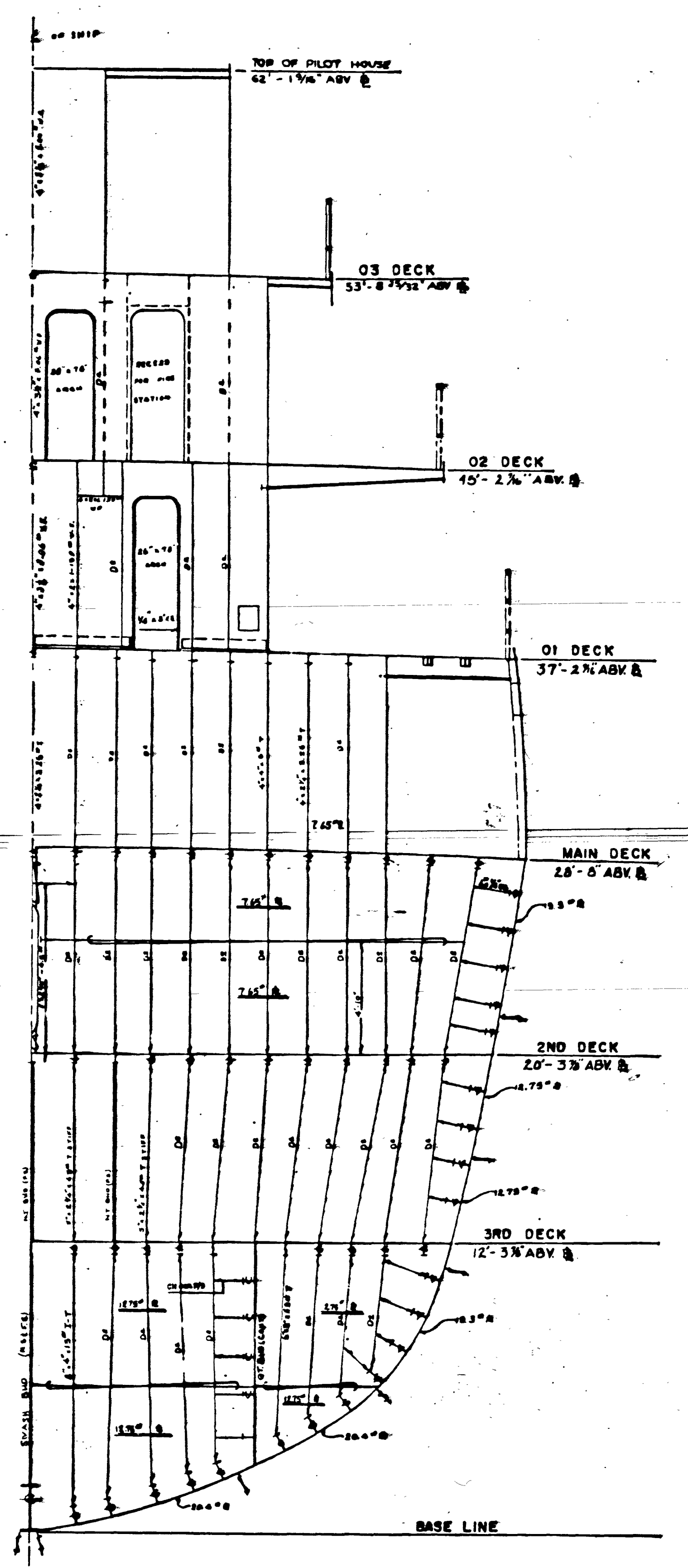
WEB FRAME 296
LOOKING AFT


℄ SHIP
01 DECK
34'-6⅞" ABV. ℄
MAIN DECK
26'-03/8" ABV. ℄
2ND DECK
18'-3⅞" ABV. ℄
3RD DECK
11'-4⅛" ABV. ℄
BASE LINE

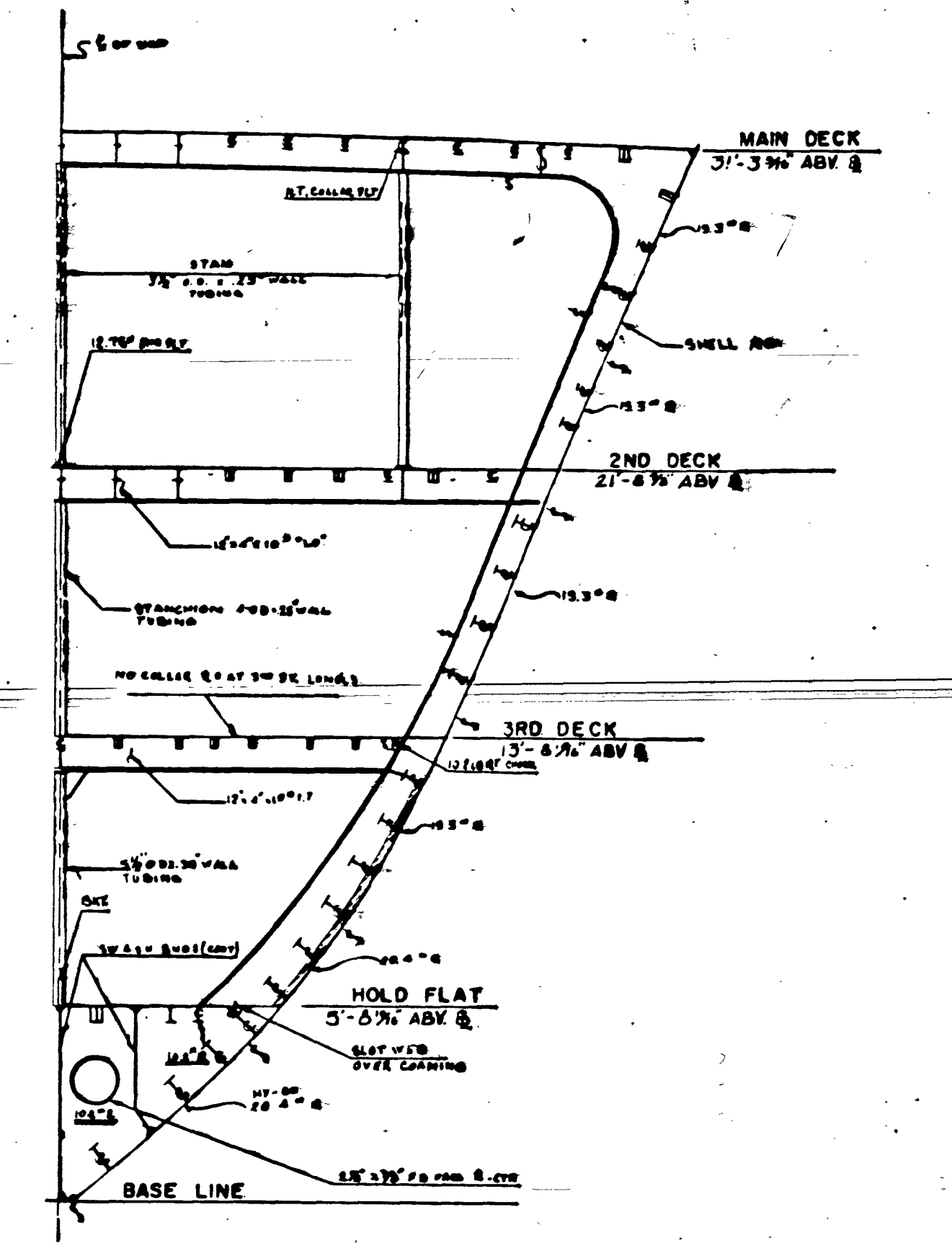
BULKHEAD 256
LOOKING AFT


℄ SHIP
TOP OF BAL. JON SHELTER
57'-7⅛" ABV. ℄
ENGINE TRUNK
01 DECK
34'-7¼" ABV. ℄
MAIN DECK
26'-1⅜" ABV. ℄
11'-0" P/S
BASE LINE

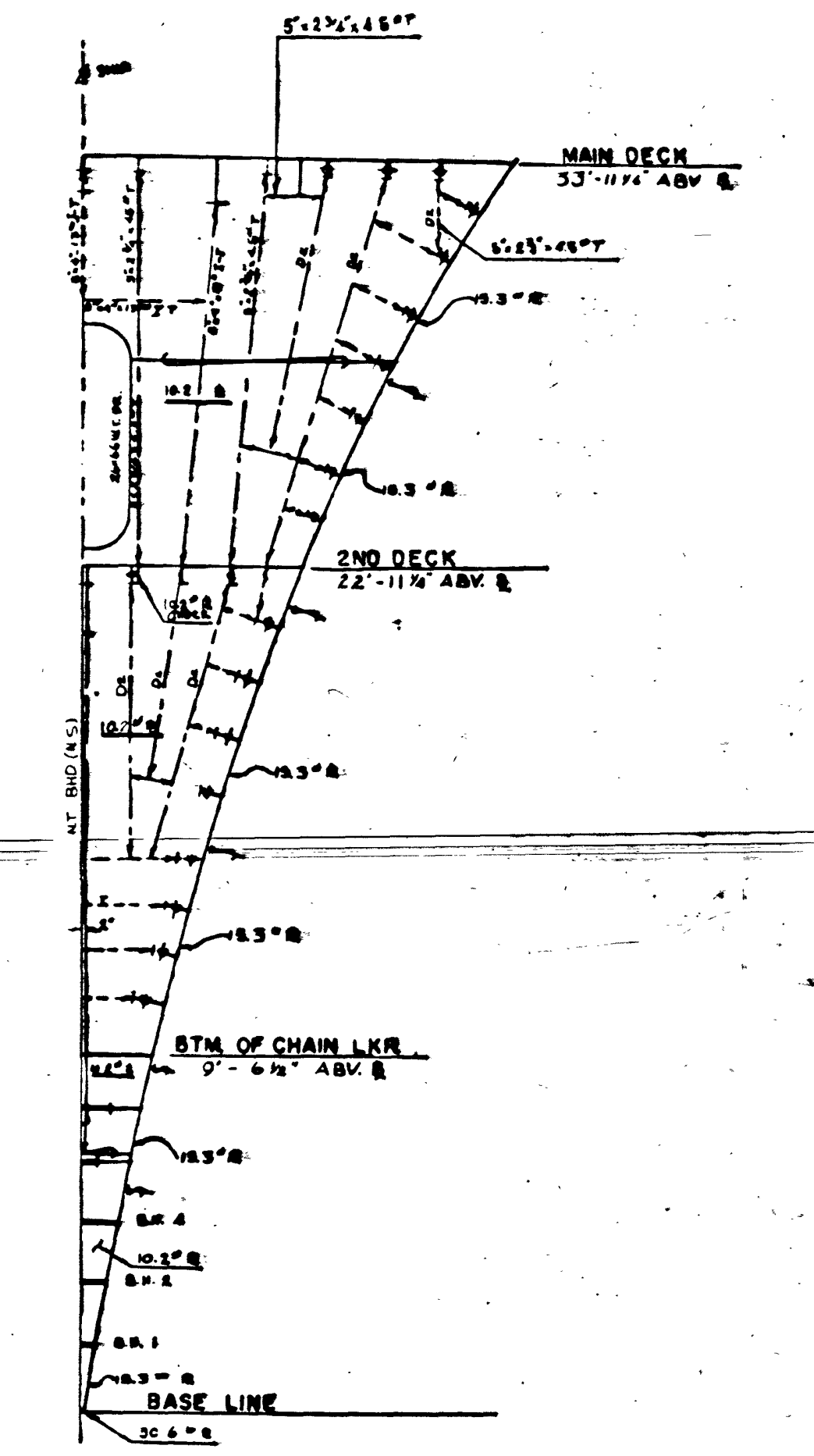
WEB FRAME 223 1/2
LOOKING AFT


℄ SHIP
TOP OF PILOT HOUSE
62'-1⁵⁄₁₆" ABV ℄
03 DECK
53'-8 25/32" ABV ℄
02 DECK
45'-2⅞" ABV. ℄
01 DECK
37'-2⅞" ABV. ℄
MAIN DECK
28'-8" ABV. ℄
2ND DECK
20'-3⅞" ABV. ℄
3RD DECK
12'-3⅜" ABV. ℄
BASE LINE

BULKHEAD 120
LOOKING FORWARD


℄ OF SHIP
MAIN DECK
31'-3⁹⁄₁₆" ABV. ℄
SHELL
2ND DECK
21'-8⅞" ABV ℄
3RD DECK
13'-8⅞" ABV ℄
HOLD FLAT
5'-8⁹⁄₁₆" ABV. ℄
BASE LINE

WEB FRAME 64
LOOKING FORWARD


℄ SHIP
MAIN DECK
33'-11¼" ABV ℄
2ND DECK
22'-11¼" ABV. ℄
BTM. OF CHAIN LKR.
9'-6½" ABV. ℄
BASE LINE

BULKHEAD 16
LOOKING FORWARD

MIDSHIP & TYPE SECTIONS
SCALE 1/8" =1'-0"
UNITED STATES COAST GUARD
378 FT. HIGH ENDURANCE CUTTER
WHEC 715/716/718 & 721

PLATE 17 OF 17

BOOKLET OF GENERAL PLANS MIDSHIP & TYPICAL SECTIONS		
SIZE	USCG DRAWING NUMBER	REV
H	378-FRAM-E-085-001	D
SCALE AS NOTED		SHEET 9 OF 9